

Construction Contract Management

Course Code CE- 476	Credit Hours 3-0
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Course Description

In this course, students would learn the purposes and meanings of the different of types of project, delivery methods and various types of contractual arrangements and fee options. The participants will be able to learn dispute resolution process and preparation of claims

Text Book:

1. Uher, T. E., & Davenport, P. (2009). Fundamentals of building contract management. UNSW Press.

Reference Book:

1. Yates, J. K. (2011). Engineering and construction law and contracts. Prentice Hall.
2. Construction Contracts, 4th Edition by John Murdoch and Will Hughes (2008). Taylor & Francis

Prerequisites :

Nil.

ASSESSMENT SYSTEM FOR THEORY

	Without Project (%)	With Project/Complex Engineering Problems (%)
Quizzes	15	10-15
Assignments	10	5-10
Mid Terms	25	25
Project	-	5-10
End Semester Exam	50	45-50

ASSESSMENT SYSTEM FOR LAB

Lab Work/ Psychomotor Assessment/ Lab Reports	70%
Lab Project/ Open Ended Lab Report/ Assignment/ Quiz	10%
Final Assesment/ Viva	20%

Teaching Plan

Week No	Topics/Learning Outcomes
1	Introduction to contract management, contract formation, construction and

	contract law (Case studies) Introduction to FIDIC (Topic Added)
2	Contract Act 1876
3	Project delivery methods in construction, types of construction contracts, and contracting methods. (Topic Added)
	Roles and Responsibilities of Parties: <ul style="list-style-type: none"> ➤ Role & Obligations of Consultant (CH # 03) ➤ Role & Obligations of Client. (CH # 04) ➤ Role & Obligations of The Engineer. (CH # 05) ➤ Role & Obligations of Contractor. (CH # 06)
6-7	Understanding general and technical conditions of contract (clause by clause) FIDIC red book 1987 and FIDIC Red Book 1999 – (Topic Added)
(7th Week)	MSE
9	Claims management Claims and its causes Intitiation of claims Presentation and Avoidance of claims
10	Dispute resolution DAB, Amicable settlement Arbitration
13-14	Joint Ventures, Public Pvt Partnership (PPP), BoT and latest developments in contract forms silver book, yellow book and gold book. (Topic Added)
16	Preparing bid documents, submitting bids, evaluating bids received, Preparing contract documents for a project ((Project) (Topic Added)
17-18	End Semester Exam

Practical: Nil.